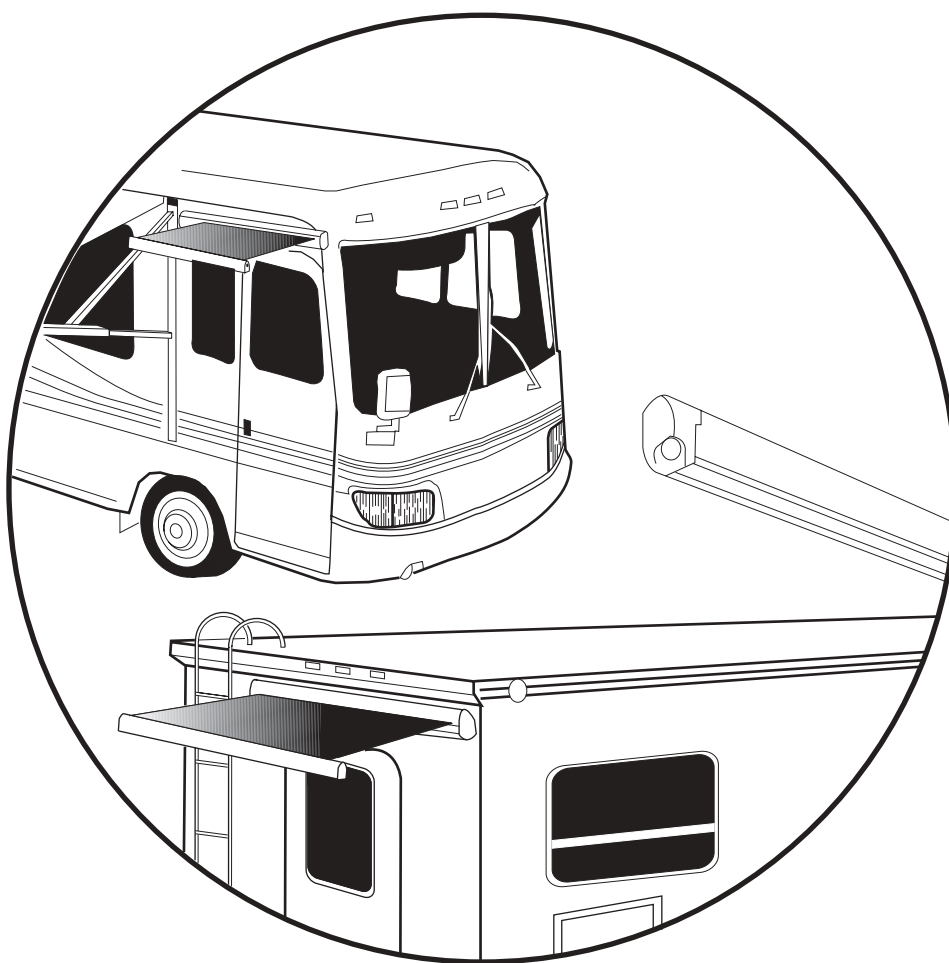


Oasis Automatic RV Door Awning System



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INSTALLATION & OPERATING INSTRUCTIONS

REVISION

Form No. 3308432.032 9/04
(Replaces 3308432.024)
(French 3308433.030)
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LaGrange, IN 46761

Model

973(XX)56.(X)05(X) Oasis-Elite

974(XX)56.(X)05(X) Oasis-Elite

Important: These instructions must stay with unit.
Owner read carefully.

SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

RECOGNIZE SAFETY INFORMATION



This is the safety-alert symbol. When you see this symbol in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating instructions.

UNDERSTAND SIGNAL WORDS

A signal word, **WARNING** OR **CAUTION** is used with the safety-alert symbol. They give the level of risk for potential injury.

WARNING indicates potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION used without the safety alert symbol indicates, a potentially hazardous situation which, if not avoided, may result in property damage.

Read and follow all safety information and instructions.

GENERAL INFORMATION

WARNING

These instructions must be read and understood before installation. This product must be installed by a Dometic Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

Important: Read all of the following steps before beginning installation.

Dometic Corporation reserves the right to modify appearances and specifications without notice.

Important: This awning must be installed by a qualified person.

Important: This product requires and A & E Control box if the product here is being added to an existing A & E Control Box previously installed for a WeatherPro Patio awning, then and Oasis Elite Adapter kit is available. Part number for the adapter kit is 3109688.006.

A. Location

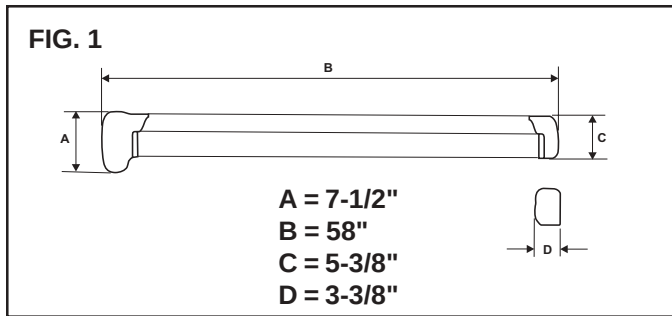
Important: Structural backing is required where mounting screws will be installed through side walls for securing Awning Rail.

1. Before beginning installation of the case, be sure the mounting area is straight and that there are no obstructions. Allow for a natural downward slant of the awning. Check for a solid backing or under-structure where screws are to be used.
2. Disconnect all the AC and DC power to the vehicle before installing the awning.

WARNING

There may be electrical wiring in the walls and between the roof and the ceiling. Disconnect 115 volt AC power cord and the positive (+) 12 volt DC terminal at the supply battery. Failure to follow this instruction may create a shock hazard causing death or severe personal injury.

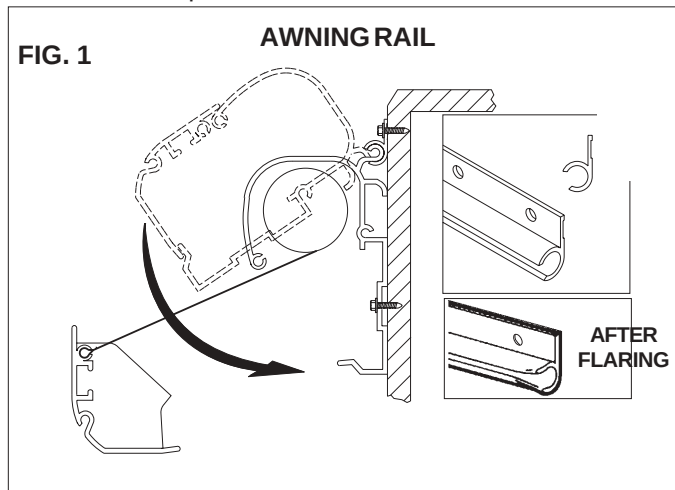
3. Before drilling, be sure that there are no obstacles inside the wall (cables, wires, gas pipes, etc.).
4. The minimum clearance from the awning rail to door or door trim is 10-1/2". See FIG. 1.



INSTALLATION INSTRUCTIONS

A. Awning Rail Installation

- Secure awning rail to side of RV at the desired location using # 6 x 1" wood screws, or self drilling sheet metal screws (not provided). Awning rail must be located at least 10 1/2" above the door. This will allow the door to open when the awning is in the extend position. See FIG. 2.



B. Install and Secure Awning

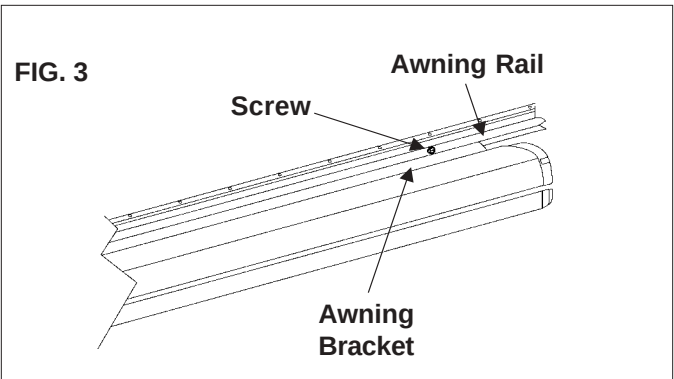
- Slide the awning into the awning rail. To aid in installation, flare end of awning rail before attempting to slide awning into rail. See FIG 2.

Note: Awning can be rotated up when sliding into rail.

- Using two (2) # 6 x 1/2" self drilling screws (not provided) secure awning through awning rail approximately six (6) inches in from each end. See Fig. 3.

C. Control Box Installation

- First, decide on a location for the control box. If a WeatherPro is added this should be located within 18 FT. of the location expected for the wind sensor. See installation instructions provided with your Patio awning. Recommended locations for the control box are compartments outside the living quarters such as one of the basement storage compartments. The control box must be installed at a location where it will not be close to steel framing or directly exposed to weather or extreme temperatures.



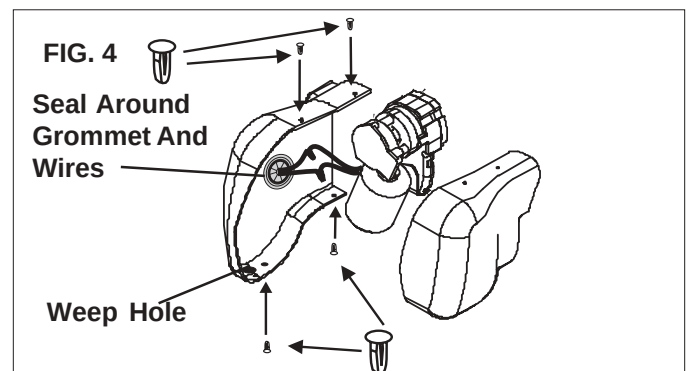
- Route two (2) wires (installer supplied) from the control box (Black/White {Blue on older models} & Red/White) to the Awning location. See FIG. 7 and FIG. 7A to ensure proper operation and wire connections. To avoid voltage drop, follow wire length guide listed below:

Wire Length	Wire Size
10' & Under	14 Gauge
11' to 30'	12 Gauge
Over 30'	10 Gauge

- Awning is shipped with motor cover loosely fitted around motor. Remove front of cover to expose motor wires.

Important: Remove bubble wrap from motor prior to installation.

- Route the Black/White (Blue on older models) and Red/white wires from the awning control box through the vehicle side wall. Next, route wires through the grommet in rear motor cover and connect to the Black (Blue on older models) and Red wires from the motor. Seal hole in side wall, then seal around the grommet and wires with silicon sealer.
- Connect the Black/white (Blue on older models) from control box wire to the Red motor wire.
- Connect the Red/White wire from control box to the Black (Blue on older models) motor wire. See FIG. 7.
- Place front cover onto motor assembly and line up holes in top motor cover. Insert two push rivets in top securing front motor cover to rear motor cover and awning casing. See FIG. 4.



Important: Do not seal or block the weep hole in the bottom of the motor cover. See FIG. 4.

7. Insert two push rivets in bottom, securing top motor cover to rear motor cover and awning casing.
8. Connect motor to control box using supplied pig tails. See FIG. 7 and FIG. 7A.

Important: Dielectric grease must be placed on all exposed pins. Always seal where wires enter coach and protect wires from chafing. All splices should be insulated and secure any excess wire to prevent damage.

9. Choose a desired location for the remote switch inside the living quarters such as the door area. Avoid areas where switch may be exposed to weather.
10. Cut hole in structure where remote switch is to be installed. Place decal on bezel and pop switch into bezel opening.
11. Route a Brown, Yellow and Green wire from the remote switch to the control box. Secure bezel with appropriate fasteners (not supplied). Install 1/4" insulated terminals on remote switch end of wires. Use the supplied pig tail to connect the switch to the Brown/White, Yellow/White and Green/White wires at the control box.

Important: Dielectric grease must be placed on all exposed pins.

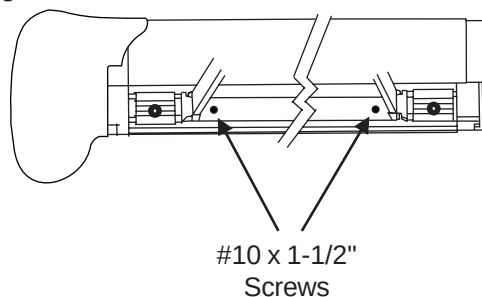
12. Run two (2) wires from the control box to the 12 VDC supply source. It is recommended that these wires be (Red+ and Black -) 12 gauge wires. This should be on a separate 15 amp circuit. Connect the Red and Black wires from the control box to the 12 VDC supply wires using butt connectors.
13. To ensure proper operation, the control box must have a minimum of 12.5 VDC at the control box during awning operation. It may be necessary to increase the wire size if voltage is below 12.5 VDC.
14. Auto Interlock Connection
 - a. The Auto Interlock Connection prevents the awning from being opened when the ignition is "ON".
 - b. Run a 16 gauge wire (installer supplied) from the ignition Switch (+ 12 VDC when key is on) of vehicle to the Ignition Interlock (Pink) wire of control box.
 - c. Connect wires using supplied pigtail. See FIG. 7 and FIG. 7A.

D. Secure Back Case

1. Turn back on the 12 VDC power to insure operation of the awning. Open awning to its full extension. (See Operating Instructions).

Important: To prevent water leakage, always use silicon sealant where each fastener enters the side wall of the vehicle.

FIG. 5



2. Secure back of case to side wall of vehicle. Use the holes in case as a guide and predrill holes in side wall using a 9/64" drill bit (5/32" if drilling into steel). Secure with two (2) #10 x 1-1/2" screws (not provided.) See FIG. 5.

Important: Do not over tighten fasteners. This will cause them to "strip out" and severely weaken their holding ability.

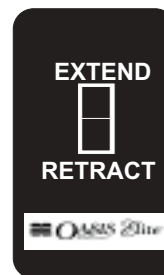
OPERATING INSTRUCTIONS

A. To Open

1. Press and hold the remote switch in the extend position until the awning is fully open. Release switch to prevent awning from rolling up backwards. See Fig. 6.

Fig. 6

Remote Switch



B. To Close

1. Press and hold the remote switch in the retract position until the awning is fully closed. See FIG. 6.
2. Retracting the awning if you lose 12-volt power: Remove the left-end cover and disconnect the coach wiring. Use any 12 VDC auxiliary power to close the awning.
3. Retracting the awning if the motor fails when the awning is out: Should a failure occur, unhook the 12-Volt wiring, remove the two fasteners that hold the awning to the sidewall, and slide the awning off of the rail for your travel. Once removed, the front channel can be pushed back to the casing and secure with tape. Removal of the awning from the coach requires more than one person.

C. A & E Oasis Elite Helpful Hints

Important: We remind you the awning is to shelter you from the sun, not from rain, wind or snow.

1. Whenever the awning is wet while rolled up, as soon as conditions allow, roll it out and let it dry before rolling it up again. This will help prevent the formation of mildew and add greatly to the life of the awning.
2. Mildew does not form on the fabric itself, but on the accumulated dust, dirt and grime. Periodically clean vinyl or woven acrylic fabric using a mixture of **1/4 cup of dish soap and 1/4 cup of bleach mixed with 5 gallons of warm water**. Liberally slosh the mixture on the top of the fabric and roll the awning up for 5 minutes. This will apply the mixture to the bottom as well. Roll it back out and hose off with fresh water. Repeat if necessary. Allow to dry before rolling up.
3. If heavy wind conditions exist, retract awning and place in stored position.

Note: The control box system is protected by a 15 amp fuse. If needed, a spare 15 amp fuse is taped inside the control box. Shut off the 12 VDC power to the control box and remove control box cover to expose fuse inside. Replace if necessary.

D. When To Get More Help

This installation and operating instructions is intended to provide practical instruction for the sequential operation of the A & E Oasis Elite door awning. If malfunctions occur that cannot be corrected by reviewing these instructions, contact a Dometic Service Center or a qualified service technician for assistance.

FIG. 7

